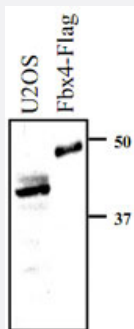


FBX4 polyclonal antibody

Catalog # PAB10205 Size 100 uL

Applications

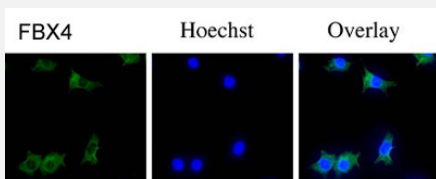


Western Blot (Cell lysate)

Whole cell extracts prepared from U-2 OS cells, or insect Sf9 cells expressing Flag-FBX4, were resolved by SDS-PAGE and transferred to nitrocellulose. FBX4 was detected using FBX4 polyclonal antibody (Cat # PAB10205) at a 1:500 dilution, in TBS buffer containing 0.1% Tween-20, followed by peroxidase conjugated anti-rabbit IgG.

Personal Communication. A, Diehl, Univ. of Pennsylvania, Philadelphia, PA.

Immunofluorescence



Immunofluorescence staining of NIH/3T3 cells with FBX4 polyclonal antibody (Cat # PAB10205). Cells were fixed in methanol/acetone followed by incubation with FBX4 polyclonal antibody at a 1 : 300 dilution.

Personal Communication. A, Diehl, Univ. of Pennsylvania, Philadelphia, PA.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of FBX4.
Immunogen	A synthetic peptide corresponding to N-terminus of human and mouse FBX4.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antiserum is directed against human and mouse FBX4.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	Western Blot (1:500-1:3000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Personal Communication. A, Diehl, Univ. of Pennsylvania, Philadelphia, PA.

- Enzyme-linked Immunoabsorbent Assay

Publication Reference

- [Phosphorylation-dependent ubiquitination of cyclin D1 by the SCF\(FBX4-alphaB crystallin\) complex.](#)

Lin DI, Barbash O, Kumar KG, Weber JD, Harper JW, Klein-Szanto AJ, Rustgi A, Fuchs SY, Diehl JA.

Molecular Cell 2006 Nov; 24(3):355.

Application: IF, IP, WB, Human, Mouse, HMEC, MCF-7, MCF-10A, MDA-MB-231, NIH/3T3, U-2 OS cells

- [The F-box protein FBX4 targets PIN2/TRF1 for ubiquitin-mediated degradation and regulates telomere maintenance.](#)

Lee TH, Perrem K, Harper JW, Lu KP, Zhou XZ.

The Journal of Biological Chemistry 2006 Jan; 281(2):759.

Application: IP-WB, WB-Tr, Human, HeLa, HT1080 cells

- [The small heat-shock protein alpha B-crystallin promotes FBX4-dependent ubiquitination.](#)

den Engelsman J, Keijsers V, de Jong WW, Boelens WC.

The Journal of Biological Chemistry 2003 Feb; 278(7):4699.

Application: WB-Tr, Human, HeLa cells